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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/703,312

11/01/2000

Ghulam Abbas Laljani

BELL-0055/00166

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03/24/2004

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EXAMINER

AL AUBAIDI, RASHA S

ART UNIT

PAPER NUMBER

2642

DATE MAILED: 03/24/2004

10

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/703,312

Applicant(s)

LALJIANI, GHULAM ABBAS

Examiner

Rasha S AL-Aubaidi

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 January 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 and 29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 103

2. Claims 1-27, and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Morley et al (US PAT # 5,848,132) in view of Brush et al (US PAT# 6,674,851).

Regarding claim 1, Morley teaches a system to schedule calls for placement comprising: a service switching point (SSP 2, see Fig.1) being in communication with a first telephone station (this components is not shown, obviously it is there) associated with said scheduling party (this reads on the customer) and at least one other telephone station associated with at least one scheduled party to be called (this reads on the other destination that the pre-booked call will be made at the specified time by the customer, see col.3, lines 53-54), said first telephone station receiving call schedule information on a telephone interface and communicating said call schedule information (see col.3, lines 64-67) to said service switching point (SSP 2); a service node (SN, this reads on IP 15, for example, in Fig. 1) communicating with the service switching point (SSP 2) ; and a service control point (SCP this reads on SCP 8, see Fig.1) communicating with said service switching point (SSP 2), and comprising: a call information database (this basically reads on SCP 8 storing the schedule information, see col.5, lines 7-8) , said

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service control point (SCP 8) identifying said service node (SN, which reads on IP 15) as adapted to connect said at least one other telephone station with the first telephone station in accordance with said call schedules.

Morley does not specifically teach said service node (SN) adapted to connect at least one other telephone station with the first telephone station in accordance with said call schedules.

However, Brush teaches that the IP (301, in Fig.3), which reads as the service node, may establish a bearer connection (this reads on connecting a new party) with the original party (see col.4, lines 7-23).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to have the IP perform such a connection or to provide any kind of service in order to assist ⁱⁿ lowering the load on the SCP or the network switch. Also for the use of an administrative computing application, a call scheduling computing application, it would have been obvious to have these applications/software applied in the AIN environment in order to help ⁱⁿ improving and speeding the procedure of scheduling telephone calls in advance.

Claim 16 is rejected for the same reasons as discussed above with respect to claim 1. Regarding the feature of (d) monitoring said stored call schedule information by said service control point (SCP) to determine if a scheduled call is to be placed (this is obvious, because when the date and time reaches for the scheduled call since SCP 8, processes the connection of the call between the customer and the other destination);

and (e) upon the scheduled time for a scheduled call, placing said scheduled call by said service control point (SCP, see col.4, lines 34-46).

Claim 25 is rejected for the same reasons as discussed above with respect to claims 1 and 16, respectively.

Regarding claim 2, the service switching point (SSP 2) upon receipt of a request from said first telephone station to schedule a call (this reads on the customer desire to schedule a call, see col.3, lines 53-64), sends a request to said service control point (SCP) to execute said administrative computing application and said call scheduling application, said administrative computing application determining if said first telephone station is allowed to schedule calls, said call scheduling application, upon confirmation that said first telephone station is allowed to schedule calls, cooperating with said SSP to accept, store and manage required call scheduling data (Morley teaches that the service is available to the customer, see col.3, lines 64-65. In addition, services like call scheduling, call waiting, or call forwarding would not be provided to customers without subscription to these services).

Claim 3 is rejected for the same reasons as discussed above with respect to claim 1. Also, for the feature of prompt said first telephone station to input call schedule information indicative of desired scheduled calls (this reads on the IP 15, for example in Fig.1 to enter the appropriate date and time, see col.4, lines 1-10).

Regarding claims 4 and 17, Morley teaches said prompts comprise information representative of: a request to enter the time of the scheduled call, a request to enter the frequency of the scheduled call, and a request to enter the telephone number for the scheduled call (see col.4, lines 1-20).

Regarding claim 5, for call schedule application of said service control point (SCP) creates a record for each scheduled call and storing said record in said call information database (Morley teaches storing the record and the data information for each scheduled call, see col.5, lines 42-51. If the reference teaches storing the record for one scheduled call then obviously it is possible to store the record in the database for other calls).

Regarding claims 7 and 22, Morley teaches service switching point (SSP) launches a trigger application (see col.3, lines 53-60) in response to the request from said first telephone station, said trigger application generating the request to the service control point (SCP).

Regarding claims 6 and 8, Morley teaches the request to the service control point (SCP 8) from the service switching point (SSP 2) comprises information identifying a telephone station associated with said scheduling party to call at the time of a scheduled call (this basically reads on providing the scheduling party telephone

number/CLID information with the other data in order to schedule the call, see col. 3, lines 53-60).

Regarding claim 9, Morley teaches said service control point (SCP 8), in response to the request from the service switching point (SSP 2), searches said database for information identifying service nodes adapted to place calls to said scheduling party and to said scheduled party (see col.4, lines 24-29).

Claim 10 is rejected for the same reasons as discussed above with respect to claim 1 and 16. Morley teaches the (SN, which reads on IP 15) that may be used to complete the scheduled call and a request to place a confirmation call to the scheduling party, said service switching point (SSP 2) communicating with least one of said service nodes (SN) a request to place said confirmation call, see col. 4, lines 13-29).

Regarding claims 11-12, for said service node (SN IP 15), in response to the request from the service switching point (SSP), places said confirmation call to said at least one other telephone station and/or an alternate telephone station associated with said scheduling party, Morley teaches providing a confirmation for the customer request (see col.4, lines 13-28 and lines 47-52).

Regarding claim 13, Morley teaches said service switch point (SSP) to place id scheduled call to said scheduled party using said identified service node (SN), see col. 4, lines 59-65.

Regarding claim 14, for call schedule application of said service control point (SCP), upon receiving no confirmation for said scheduled call, deletes the created record for the scheduled call. This is obvious, because there is no sense of having the call-scheduled information occupying storage space in the database when there is no confirmation received to continue processing the pre-booking for this particular call.

Regarding claim 15, Morley teaches the connection between said service switching point (SSP) and said at least one other telephone station comprises a second service switching point (SSP 2), for example, see Fig.1, and col. 2, lines 44-56.

Regarding claim 18, for the step of accepting call schedule information further comprises determining a confirmation number for use when placing a confirmation call (Morley teaches after entering the schedule data information such telephone #, time and date it will provide the customer with confirmation, obviously could be a number).

Regarding claim 19, Morley teaches of confirming the scheduled call by said service control point (SCP), said service control point (SCP) cooperating with said service switching point (SSP) and said identified service nodes (SN) to place a

confirmation call to the scheduling party using said stored call schedule information to receive confirmation of said scheduled call (this reads on recorded reminder message that will be played to the scheduling party by the IP to confirm the scheduling process, see col.5, lines 42-67 and col.6, lines 1-8).

Regarding claim 20, Morley teaches upon receiving confirmation from said confirmation call, said service control point (SCP) cooperates with said service switching point (SSP) and said service nodes (SN) to place said scheduled call (see col.4, lines 20-45).

Regarding claim 21, for said confirmation comprises any of: a DTMF code and an electronic message (this basically may read on the voice prompts, see col.3, lines 40-43).

Regarding claim 23, for the database at the service control point (SCP 8) comprises information identifying for said service switching point (SSP) cooperating plurality of service nodes for use when processing scheduled calls (see Fig.1, SSP 2, IP 15 and IP 16).

Regarding claim 24, for the act of identifying to the service switching point (SSP) the plurality of service nodes (SN), comprises transmitting the directory numbers

corresponding to the plurality of service nodes by said service control point (SCP). This reads on the transmitted digits between the customers' lines, (see col.2, lines 44-50)

Claim 26 is rejected for the same reasons as discussed above with respect to claim 1,16 and 25. Also, for receiving a response from said first party indicating that said first party should be connected to said telephone station and connecting said first party to said telephone station (see col.5, lines 52-67 and col.6, lines 1-8). The claimed feature of second telephone number at which said confirmation call should be placed (this basically reads on the scheduled party phone number, see col.5, lines 8-10).

Regarding claim 27, for said information is received from a telephone interface of a telephone station (this is inherent).

Regarding claim 29, Morley teaches said information further indicates a date (this basically reads on the scheduled party phone number, see col.5, lines 7-10).

Response to Arguments

3. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S AL-Aubaidi whose telephone number is (703) 605-5145. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad F Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Examiner

Rasha S Al-Aubaidi

03/16/2004


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